| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 1    | US-4852054-\$.DID.   | USPAT   | OR                  | ON      | 2005/12/12 12:24 |
| S1       | 4    | US-6502458-\$.DID. OR<br>US-6678584-\$.DID. OR<br>US-6807501-\$.DID. OR<br>US-6807855-\$.DID.  | USPAT   | OR                  | ON      | 2005/12/12 12:24 |
| S2       | 2    | "20020040280" "20040167738"  | US-PGPUB  | OR                  | ON      | 2005/12/01 09:07 |
| S3       | 16   | US-4489551-\$.DID. OR US-5439355-\$.DID. OR US-5497653-\$.DID. OR US-5528928-\$.DID. OR US-5563351-\$.DID. OR US-5646539-\$.DID. OR US-5654504-\$.DID. OR US-5720598-\$.DID. OR US-5798941-\$.DID. OR US-5903215-\$.DID. OR US-6092370-\$.DID. OR US-6302653-\$.DID. OR US-6374722-\$.DID. OR US-6375433-\$.DID. OR                    | USPAT   | OR                  | ON      | 2005/11/28 06:04 |
| S4       | 1    | "628837".ap.   | US-PGPUB  | OR                  | ON      | 2005/11/30 09:21 |
| S5       | 4    | US-6502458-\$.DID. OR<br>US-6678584-\$.DID. OR<br>US-6807501-\$.DID. OR<br>US-6807855-\$.DID.  | USPAT   | OR                  | ON      | 2005/11/30 10:59 |
| S6       | 2    | "20020040280" "20040167738"  | US-PGPUB  | OR                  | ON      | 2005/11/30 10:59 |
| \$7      | 16   | US-4489551-\$.DID. OR US-5439355-\$.DID. OR US-5497653-\$.DID. OR US-5528928-\$.DID. OR US-5563351-\$.DID. OR US-5646539-\$.DID. OR US-5654504-\$.DID. OR US-5720598-\$.DID. OR US-5798941-\$.DID. OR US-5903215-\$.DID. OR US-6092370-\$.DID. OR US-6302653-\$.DID. OR US-6374722-\$.DID. OR US-6375433-\$.DID. OR US-6468046-\$.DID. | USPAT   | OR                  | ON      | 2005/11/30 10:59 |
| S8       | 22   | (S5 S6 S7)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/11/30 10:59 |

| S9  | 5    | ("4139987"   "4510750"  <br>"5588805"   "5666806"  <br>"5865602").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/30 13:20 |
|-----|------|---|---|----|-----|------------------|
| S10 | 7    | ("6375433").URPN.   | USPAT   | OR | ON  | 2005/11/30 13:49 |
| S11 | 731  | (73/168).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/30 13:50 |
| S12 | 1    | S11 and neural adj network  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/30 14:03 |
| S13 | 731  | (73/168).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/30 14:03 |
| S14 | 30   | S13 and feedback with control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/30 14:03 |
| S15 | 63   | (702/114).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/12 07:07 |
| S16 | 1    | "20050234372"   | US-PGPUB  | OR | ON  | 2005/12/01 09:32 |
| S17 | 2    | "782006".ap.  | US-PGPUB  | OR | ON  | 2005/12/01 09:32 |
| S18 | 5450 | Du.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/11 22:04 |
| S19 | 117  | S18 and hydraulic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/11 22:05 |
| S20 | 10   | S18 and hydraulic and caterpillar                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/11 22:05 |

| S21 | 1374 | hydraulic with (health diagnostic<br>condition) and (estimat\$3) and<br>(calculat\$3 determin\$3) and<br>function   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 10:02 |
|-----|------|---|---|----|-----|------------------|
| S22 | 10   | S21 and bulk adj modulus  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 05:33 |
| S23 | 248  | S21 and feedback adj control  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 05:34 |
| S24 | 199  | S23 and (parameters<br>measurements)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 05:45 |
| S25 | 85   | S24 and failure   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 05:45 |
| S26 | 4    | US-6502458-\$.DID. OR<br>US-6678584-\$.DID. OR<br>US-6807501-\$.DID. OR<br>US-6807855-\$.DID.   | USPAT   | OR | ON  | 2005/12/12 06:47 |
| S27 | 636  | (700/282).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/12 06:19 |
| S28 | 13   | US-4310173-\$.DID. OR US-4337829-\$.DID. OR US-4761953-\$.DID. OR US-5190714-\$.DID. OR US-5193116-\$.DID. OR US-5397173-\$.DID. OR US-5547349-\$.DID. OR US-5577812-\$.DID. OR US-5875761-\$.DID. OR US-6010311-\$.DID. OR US-6010311-\$.DID. OR US-6089786-\$.DID. OR US-1288174-\$.DID. OR | USPAT   | OR | ON  | 2005/12/12 06:20 |

|     |        |  |   | 00 |     | 2005/12/12 06:20 |
|-----|--------|--|---|----|-----|------------------|
| S29 | 37     | US-1323321-\$.DID. OR US-1327414-\$.DID. OR US-4343058-\$.DID. OR US-4355961-\$.DID. OR US-4466390-\$.DID. OR US-4472998-\$.DID. OR US-4481801-\$.DID. OR US-4481285-\$.DID. OR US-4531273-\$.DID. OR US-4565123-\$.DID. OR US-4576137-\$.DID. OR US-4579209-\$.DID. OR US-4589144-\$.DID. OR US-4762294-\$.DID. OR US-4779937-\$.DID. OR US-4779937-\$.DID. OR US-4801247-\$.DID. OR US-1817767-\$.DID. OR US-1817767-\$.DID. OR US-1817767-\$.DID. OR US-1873912-\$.DID. OR US-1981052-\$.DID. OR US-1981052-\$.DID. OR US-54990084-\$.DID. OR US-5499084-\$.DID. OR US-5499084-\$.DID. OR US-5499084-\$.DID. OR US-5579684-\$.DID. OR US-5490442-\$.DID. OR US-5579684-\$.DID. OR US-5904602-\$.DID. OR US-5904602-\$.DID. OR | USPAT   | OR | ON  | 2005/12/12 06:20 |
|     |        | US-6019437-\$.DID. OR<br>US-6065494-\$.DID. OR<br>US-6106193-\$.DID.   |   |    |     |                  |
| S30 | 222482 | ("73").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/12 06:47 |
| S31 | 69     | S30 and (measurements parameters) and (neural adj network fuzzy adj logic) and (hydraulic fluidic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 07:09 |

| S32 | 54   | ("3748894"   "3751661"   "4118973"   "4125769"   "4228353"   "4277971"   "4388530"   "4567012"   "4627272"   "4649711"   "4683759"   "4750351"   "4795903"   "4959848"   "4959995"   "5262732"   "5377531"   "5422495"   "5497008"   "5509297"   "5511416"   "5517427"   "5521698"   "5537336"   "5569842"   "5576498"   "5598451"   "5604441"   "5657363"   "5712891"   "5742660"   "5789665"   "5790246"   "5817928"   "5818578"   "5964318"   "5982847"   "6006154"   "6009760"   "6012325"   "6031565"   "6037592"   "6043505"   "6151108"   "6196058"   "6226347"   "6285734"   "6304176"   "6356205"   "6408048").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/12/12 06:54 |
|-----|------|---|---|----|-----|------------------|
| S33 | 16   | turbine and machine adj health<br>with monitoring   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 06:56 |
| S34 | 883  | (702/183).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/12 07:07 |
| S35 | 11   | S34 and (neural adj network fuzzy<br>adj logic feedback adj control) and<br>(hydraulic fluidic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 07:12 |
| S36 | 3944 | (neural adj network fuzzy adj logic<br>feedback adj control) and<br>(hydraulic fluidic) and ((operating<br>machine turbine engine pump<br>valve) with (health condition fault<br>failure))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 07:19 |
| S37 | 457  | (neural adj network fuzzy adj<br>logic) and (hydraulic fluidic) and<br>((operating machine turbine<br>engine pump valve) with (health<br>condition fault failure))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 07:19 |

| S38 | 146 | (neural adj network fuzzy adj logic) and (hydraulic fluidic) and ((operating machine turbine engine pump valve) with (health condition fault failure)) and (updat\$3 determin\$3) with (condition value) same function   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 07:20 |
|-----|-----|--|---|----|----|------------------|
| S39 | 15  | hydraulic same (working adj<br>condition) and (estimat\$3) and<br>(calculat\$3 determin\$3) and<br>function  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 10:28 |
| S40 | 0   | wear with indication same<br>(working adj condition) and<br>(estimat\$3) and (calculat\$3<br>determin\$3) and function   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 10:30 |
| S41 | 18  | wear same (working adj.condition)<br>and (estimat\$3) and (calculat\$3<br>determin\$3) and function  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 10:30 |
| S42 | 76  | ("5333240").URPN.  | USPAT   | OR | ON | 2005/12/12 10:43 |
| S43 | 76  | ("5333240").URPN.  | USPAT   | OR | ON | 2005/12/12 10:55 |
| S44 | 17  | ("3273125"   "4302813"  <br>"4380172"   "4479241"  <br>"4520674"   "4683542"  <br>"4802103"   "4874963"  <br>"4912649"   "4972363"  <br>"4972473"   "5010769"  <br>"5023045"   "5092343"  <br>"5093792"   "5093899").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/12/12 10:55 |